G. Narayanamma Institute of Technology and Science (For Women)

Department of ECE
Stakeholder Curriculum Feedback
Summary and Actions Taken
2020-21

FEEDBACK SUMMARY:

Feedback on GNR-18 is collected from various stakeholders. Following is the feedback received from the stake holders regarding the syllabus.

Curriculum Feedback Suggestions from Faculty

1. Some core courses have been placed under electives.
2. Too many labs and electives in the same semester reduces the flexibility to provide students with free slots for other activities including placement training.
3. Curriculum need to cover programming lab and also work on hardware, this helps students in placements and also do real-time projects
4. Syllabus framed suits to the State of art Technology in Technical Education as per the guidelines of AICTE

Curriculum Feedback Suggestions from Students

1. Introduce some trending technologies instead of old technologies
2. Can give more real time examples. Open electives- to have more options of subjects.
3. Labs accompanying with appropriate programming electives would be helpful. The sequence in regards to MPMC and CO may have to be adjusted. Certain electives which are crucial to placements like OS and DBMS are offered in the same semester limiting the student's choices.

Curriculum Feedback Suggestions from Alumni

1. Very good organization in all over the state. Stays always the best as per performance, discipline and many more.
2. Students coming-in might need direction and guidance to choose electives and make choices.
3. It would be better if Data Structures and Algorithms is included as a separate and mandatory subject because all the Masters in CS programs have it as prerequisite course.
4. As we all know, the current IT industry is making major advancements in data analytics, AI and ML fields. I see the related electives in final year but it would really help ECE students who opt for IT as their career, if they are introduced to data science with python in 2nd or 3rd year (along with a practice lab).

Curriculum Feedback Suggestions from Parents

1. Improve command over subjects for the students.
2. Make the curriculum relevant to I4.0.

Curriculum Feedback Suggestions from Employers

1. Employers have provided suggestion to include more programming/coding oriented subjects to meet present company's needs.

Action Taken

The above stakeholder feedback report was discussed in the DAC meeting of ECE department and a detailed discussion was made and the following actions were proposed:

- Department has decided to continue conducting 2 seminars, 1 workshop, 1 hackathon in an academic year inviting industry people as resource persons.
- Mock interviews are conducted by Alumnae from industry to make them ready for placements.
- Value added courses are introduced to 3rd year students on Digital image processing, computer networks, embedded systems, IOT and NLP.
- Subjects like Introduction to Data Analytics, Machine learning and Python Programming are included in electives to meet current IT industry requirements.
- Additional experiments are conducted for II, III, IV year students to give exposure for real time applications.
- College has introduced Value added course on Professional Development for all I year students which covers Communication Skills, Personality development as well as Career Planning.
- Industry specific Pre placement training (C language, C++, Python) is provided for all second and third years students.
- Students are encouraged to complete courses under NPTEL, Coursera..etc.

Dr. B. Venkatheshulu,

HOD-ECE, GNITS

Dr. K. Ramesh Reddy,

Principal, GNITS

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104